

HARRISON
TOWNSHIP, OHIO

WELLFIELD PROTECTION RESOLUTIONS
CONTACT: LEE DRUMOND/DUSTY HALL
CITY OF DAYTON, OHIO
(513)443-3734
ZONING ORDINANCE
ADOPTED: 1989

HARRISON TOWNSHIP

WELL FIELD PROTECTION RESOLUTIONS

R E S O L U T I O N N O. 85-1989

A RESOLUTION AMENDING THE HARRISON TOWNSHIP ZONING
RESOLUTION BY ADDING ARTICLE 27 WELL FIELD PROTECTION
OVERLAY DISTRICT REGULATIONS (WP) AND AMENDING THE OFFICIAL
ZONING MAP TO REFLECT THE WELL FIELD PROTECTION OVERLAY
DISTRICT

WHEREAS, on November 20 and December 18, 1989, the Harrison Township Trustees held a public hearing on Case No. ZC-5-89, at which time any and all persons desiring to speak were heard thereon; and

WHEREAS, as a result of public input the Trustees find it necessary to amend the Zoning Commission recommendation by adding (capitalized) and/or deleting (stuck through) certain portions of Article 27, as attached hereto; and

WHEREAS, the Trustees find that the regulation of land uses and associated regulated substances within certain environmentally sensitive areas is necessary to protect the regions potable water supply; and

WHEREAS, the Trustees find the area to be included in the Well Field Protection Overlay District regulations has been hydrologically defined; and

WHEREAS, The area within the total capture area of the well fields lie within six separate political jurisdictions and Wright Patterson Air Force Base, and only through regional cooperation of all jurisdictions can the potable water supply be adequately protected; and

WHEREAS, the Trustees find the addition Article 27 Well

Field Protection Overlay District and the amendment of the Zoning Map to be in the public health, safety and welfare.

NOW, THEREFORE, BE IT RESOLVED that the Harrison Township Trustees desire to amend the Zoning Commission's recommendation by adding and/or deleting certain portions of Article 27, as attached hereto; and add the amended version of Article 27 to the Harrison Township Zoning Resolution and amend the Zoning Map to reflect the Well Field Protection Overlay district.

I -/

~ ~

I hereby certify that Resolution No. 85-1989 adopted by the Harrison Township Board of Trustees at their meeting on December 18, 1989.

~E

of the composition on a weight per unit weight basis.

4. Ingredients of mixtures prepared within the "WP." Well Field Protection Overlay District in cases where such ingredients are health hazards but comprise less than one tenth of one (0.1) percent of the mixture (on a weight per unit weight basis) if carcinogenic, of less than one (1.0) percent of the mixture (on a weight per unit weight basis) if non-carcinogenic.

5. Petroleum and non-solid petroleum derivatives (except non-PCB dielectric fluids).

D I. Travel Time Contour - A locus of points from which water takes an equal amount of time to reach a given destination such as a well or well field.

J. Underground Storage Tank - Any one or combination of tanks (including underground pipes connected thereto) which is used to contain an accumulation of Regulated Substances and the volume of which (including the volume of underground pipes connected thereto) is ten (10) percent or more beneath the surface of the ground. Flow-through process tanks and tanks situated in an underground area (such as basement, tunnel, or vault) upon or above the surface of a floor are excluded from the definition of underground storage tanks.

K. Well Field - A tract of land that contains a number of wells for supplying water.

L. Zone of Influence - A zone delineated by iso-travel time contours around well fields. The zone is calculated, based on the rate of movements of groundwaters in the vicinity of wells with an allowance for the dispersion of a pollutant entering into and moving with the groundwater.

Section 2704 Section 2705

Principal Permitted Uses: The principal permitted uses allowed within the "WP" Well Field Protection Overlay District shall be those of the underlying zoning district, provided they meet all requirements of this Article. Uses not specifically mentioned are not permitted.

Accessory Uses: The accessory uses allowed within the "WP" Well Field Protection Overlay District

shall be those of the underlying zoning district, provided they meet all requirements of this Article. Uses not specifically mentioned are not permitted.

Section 2706

Conditional Uses: The conditional uses allowed within the "WP" Well Field Protection Overlay District shall be those of the underlying zoning district, provided they meet all requirements of this Article in addition to any applicable requirements established under any other Article. In addition, specific conditional use provisions for the extraction of minerals and existing uses within the WP district shall be as follows:

A. Mineral Extraction: The excavation, extraction, mining or processing of sand, gravel and limestone from the earth for resale shall remain as conditional uses in the ~ Well Field Protection Overlay District subject to BZA approval of an excavation and facilities plan that includes, but is not limited to:

1. An existing site plan with topographic detail at two (2) foot contour intervals, all planimetric information, depth to ground water and flood plain characteristics where applicable.
2. The proposed extent and depth of excavations.
3. Slope angle of excavation walls (any final slopes shall be at the angle of repose for the remaining material).
4. Use and disposition of the soil and/or overburden materials from the excavations including a landscaping and vegetation plan to stabilize any disturbed material.
5. Surface Drainage Plan:
 - a. Drainage into on site excavations from proximate off site transportation facilities such as roadways and roadbeds and off site watercourses is prohibited unless the applicant provides a plan which otherwise protects the excavations from off site waterborne regulated substances.

b. The final on site, grading shall minimize all surface drainage into the excavations.

6. A post-excavation and operation land use plan.

7. A security plan (unauthorized access shall be strictly prohibited as long as any excavations remain on site).

B. Existing Businesses -Existing legal businesses within the WP district as of the effective date of this article may make application to increase the maximum quantities of regulated substances maintained on site in response to changes in the market and/or need to increase production, provided that:

1. All other market or exceeding regulated

methods to respond increase production without exceeding the maximum quantities or reported regulated substances have been exhausted.

2. There shall be no greater hazard and/or threat of hazard to the aquifer as a result of increasing regulated substances.

Section 2707

Specific Prohibited _ land fills composed wells are prohibited Protection District.

Uses: Sanitary land fills landfills composed of demolition debris and dry wells are prohibited uses in the "WP" Well Field Protection District.

Section 2708 Groundwater Protection Standards

2708.01 Regulated Substances Maximum Quantities: Use, storage, handling and/or production of Regulated Substances in conjunction with permitted and conditional uses in this district shall be limited to or as follows:

A. The Aggregate of Regulated Substances aggregate of Regulated Substances in use, storage, handling and/or production may not exceed twenty (20) gallons or one sixty (160) pounds at any time.

B. Total Use of Regulated Substances: The total use, storage, handling and/or production of Regulated Substances may not exceed fifty (50) gallons or four hundred (400) pounds in any twelve (12) month period.

2708.02 Limited Exclusions: Limited exclusions from the provisions of Section 2708.01 are authorized for:

A. Non-Routine Maintenance or Repair of Property or Equipment: The use, storage, handling and/or production of Regulated Substances this exclusion shall be limited to:

1. The aggregate of Regulated Substances in use, storage, handling, and/or production may not exceed fifty (50) gallons or four hundred (400) pounds at any time.

2. The total use, storage, handling and/or production of Regulated Substances may not exceed one hundred (100) gallons or eight hundred (800) pounds in any twelve (12) month period.

B. Medical & Research Laboratory Uses: Excluded Regulated Substances shall be stored, handled or used in containers not to exceed five (5) gallons or forty (40) pounds of each substance and the aggregate inventory of Regulated Substances shall not exceed two hundred and fifty (250) gallons or two thousand (2,000) pounds.

C. Cleaning Agents: Excluded Regulated Substances which are cleaning agents shall be packaged for personal or household use or be present in the same form and concentration as a product packaged for use by the general public. The aggregate inventory of such cleaning agents shall not exceed one hundred (100) gallons or eight hundred (800) pounds at any time. In no case shall Regulated Substances claimed under this exclusion include hydrocarbon or halogenated hydrocarbon solvents

D. Construction Materials - Regulated substances associated with construction for which a permit has been issued, paving or the pouring of concrete shall be excluded from regulation while present on the construction site provided such regulated substances do not pose a real and present danger of contaminating surface and/or ground water.

E. Office Supplies - Office supplies that are used solely for the operation of on-site administrative offices, provided such supplies are prepackaged in a form ready for use.

2708.03 Underground Storage of Fuel and Lubricants: With the exception of residential use of heating fuels, the underground storage of fuel and lubricants for vehicle operations and fuel for building and/or process heating in conjunction with permitted and conditional uses in this district shall be secondarily contained and monitored. Such installations shall be subject to approval by the Administrator.

2708.04 Nonconforming Uses:

A. Underground Storage Tanks: Notwithstanding other provisions this Article, nonconforming uses in this district presently using underground storage tanks for fuel and lubricants for vehicle operations and fuel for building and/or processing heating shall be permitted to replace existing tanks with those constructed as per the specifications of Section 2708.03 above and not exceeding the capacity of existing tanks. Replacement of underground tanks for Regulated Substances other than the above noted fuels and lubricants is not permitted.

B. Substitutions of Nonconforming Uses: As part of the findings required under Article 36,

the Administrator shall use the Hazard Potential Ranking System, Section 2714 to assist in the determination of intensity of use within this district. Except as provided for in Section 2706(B), no substitutions of a non-conforming use shall be permitted which result in an increase in the capacity of Regulated Substances or that result in an increase of the Hazard Potential Ranking on a parcel within this district.

2708.05 Exemption of Certain Regulated Substances - The Administrator is authorized to exclude certain regulated substances, that pose no threat to groundwater, from the provisions of this Article. Prior to authorizing the exemption of any regulated substance, the Administrator shall have such request for exemption reviewed by the City of Dayton's Environmental Advisory Board (E.A.B.). The recommendation of the E.A.B. shall be binding on the Administrator.

2708.06 Technical Consultants - Upon application for a Zoning Permit and/or Occupancy Certificate and/or Conditional Use Permit for a use within the "WP" Well Field Protection Overlay District, the Administrator may employ such technical expertise as needed to ensure compliance with the provisions of this Article. All documented costs incurred in the compliance review process shall be passed through to the applicant and shall be in addition to those fees normally charged by the Township to review a Zoning Permit and/or occupancy Certificate and/or Conditional Use Permit.

2708.07 Existing Business/Nonconforming Uses - All legal uses located within the WP district, as of the effective date of this Article shall be

"Grandfathered" in and have the maximum quantities (determined by peak business cycle) for each reportable regulated substance, "Grandfathered" in at the reported maximum quantity with no annual use limitation. Existing uses and maximum quantities, in combination with "Hazard Potential Rating" shall run with the land and be administered in conformance with all other applicable nonconforming provisions of this Zoning Resolution and the "Ohio Revised Code."

2708.08 Removal Of Regulated Substances - Any nonresidential use of property that becomes unoccupied or has discontinued operation for a period of sixty (60) days or more shall remove all regulated substances from the property upon which it is located within thirty (30) days.

Section 2709 REPORTING REQUIREMENTS 2709.01 Regulated Substance Activity Inventory

A. Applicability:

1. Except as provided in Section 2709.01(B), any owner or occupant of any land in the Well Field Protection Overlay District at the effective date of this Article, shall file a Regulated Substance Activity Inventory Report with the Administrator. Said report shall be filed within one hundred and eighty (180) days of the effective date of this Article and at twenty-four (24) month intervals thereafter.

2. Except as provided in Section 2709.01(B), any new owner or occupant of any land in the Well Field Protection Overlay District shall file a Regulated Substance Activity Inventory Report prior to receipt of a Certificate of Occupancy and at twenty-four (24) month intervals following the date of occupancy.

3. Where a person owns, operates or occupies more than one location, Regulated Substance Activity Reports shall be made for each location.

B. Exclusions to Activity Inventory Reporting:

1. Any exclusion set forth in this Paragraph shall apply provided that said exclusion does not substantially increase any risk or hazard to the public health, aquifer, water supply, wells or well fields; and provided further that any spill, leak, discharge or mishandling shall be subject to the provision of this Article. Any exclusions granted herein shall not remove or limit the liability and responsibility of any person or activity involved

2. A limited exclusion from Regulated Substance Activity Inventory reporting is hereby authorized for incidental uses of Regulated Substances provided the uses are limited as follows

a. The aggregate of Regulated Substances in use may not exceed twenty (20) gallons or one hundred and sixty (160) pounds at any time.

b. The total use of Regulated Substances may not exceed fifty (50) gallons or four hundred (400) pounds in any twelve (12) month period.

3. A limited exclusion from Regulated Substance Activity reporting is hereby authorized for non-routine maintenance or repair of property in the Well Field Protection overlay District provided the uses are limited as follows:

a. The aggregate of Regulated Substances in use may not exceed fifty (50) gallons or four hundred (400) pounds at any time.

b. The total use of Regulated Substances may not exceed one hundred (100) gallons or eight hundred (800) pounds in any twelve (12) month period.

4. A limited exclusion from Regulated Substance Activity Inventory reporting is hereby authorized for Regulated Substances which are cleaning agents provided however, such cleaning agents are packaged for personal or household use or are present in the same form and concentration as a product packaged for use by the general public, and provided that aggregate inventory of such cleaning agents shall not exceed one hundred (100) gallons or eight hundred (800) pounds at any time. In no case shall Regulated Substances claimed under the exclusion include hydrocarbon or halogenated hydrocarbon solvents.

5. A limited exclusion from Regulated Substance Activity Inventory Reporting is hereby authorized for medical and research laboratory uses in the Well Field Protection Overlay District,

provided however, Regulated Substances shall be stored, handled or used in containers not to exceed five (5) gallons or forty (40) pounds of each substance and the aggregate inventory of Regulated Substances shall not exceed two hundred and fifty (250) gallons or two thousand (2,000) pounds.

6. An exclusion from Regulated Substance Activity Inventory Reporting is hereby authorized for the transportation of Regulated Substances through the Well Field Protection Overlay District provided that the transporting vehicle is in compliance with applicable local, state and federal laws and regulations, and provided that the regulated substance is fueling the transporting vehicle or the transporting vehicle is in continuous' transit, making delivery, or is stopped for a period of time not to exceed seventy-two (72) hours.

7. A limited exclusion from Regulated Substance Activity Inventory Reporting is hereby authorized for owners and occupants of single or two-family residences provided, however, the storage and use of Regulated Substances as identified in Section 2714(B) '1Table 2" are related to the maintenance of the residence or vehicles under control of the occupant and provided waste Regulated Substances are appropriately disposed of to a permitted solid waste facility or a permitted publicly owned wastewater treatment works.

8. Motor Vehicle Fuels - A limited exclusion from regulated substances activity inventory reporting is hereby authorized for regulated substances that are contained within tanks that are designed as an integral part of the motor vehicle, and used specifically and solely for the operation of the motor vehicle. Except as provided for in Section 2709.01(B,6), in no case shall the tanker portion of a tractor-trailer truck be included in this exclusion.

2709.02 Spills, Leaks or Discharges

A. Notification: Any person with direct knowledge of a spill, leak or discharge of a Regulated Substance within the Well Field Protection Overlay District shall, if such spill, leak or discharge escapes containment, contacts a non-imperious ground surface and is not immediately and completely remediated, give notice to the Harrison Township Fire Dispatcher, by telephone within thirty (30) minutes of such spill. The notification shall include at a minimum, the location of the incident, name and telephone number, date and time thereof, type of substance(s), concentration and volume, and control or corrective action taken. Such notification shall in no way alleviate other local, state, and federal reporting obligations as required by law.

B. Liability: Any entity or person who spills, leaks or discharges said substance(s) shall be liable for any reasonable expense, loss or damages incurred by the Township in response to such an incident, in addition to the amount of any fines imposed on account thereof under Ohio and Federal law; said entity or person shall document and maintain sufficient records so as to reflect accurately the circumstances related to any such incident and develop and implement procedures to substantially eliminate the likelihood of reoccurrence of such spills, leaks or discharges as soon as practicable following the incident, but no later than one hundred and eighty (180) days after the incident.

C. posting: Harrison Township shall post signs in conspicuous places advising transporters of Regulated Substances of notification procedures in the event of a spill or accidental discharge.

Section 2710

Underground Storage Tanks: With the exception of residential use of home fuel, no storage of Regulated Substances, other than for vehicle fuel and vehicle lubricants and fuel for building and/or process heating may occur in underground storage tank systems in the Well Field Protection Overlay District, five (5) years from the effective date of this Article. With the exception of residential use of home heating fuel, five (5) years from the effective date of this Article, underground storage tank systems for vehicle fuel and vehicle lubricants and fuel for building and/or process heating in the Well Field Protection Overlay District must be secondarily contained and monitored in accordance with plans submitted to and approved by the Administrator.

Section 2711

Falsifying Information: No person shall make any false statement, representation, or certification in any report or other document filed or required to be maintained pursuant to this Article.

Section 2712 Retention of Records: Any reports or records compiled or submitted pursuant to this Article shall be maintained by the user for a minimum of five (5) years or so long as enforcement or judicial proceedings are being pursued, whichever is longer.

Section 2713 ENFORCEMENT

A. Application: If any activity or use of Regulated Substance is deemed by the Administrator to be in violation of this Article or pose a real and present danger of contaminating surface and/or ground water which would normally enter the public water supply, in accordance with Section 519.24 (O.R.C.) or other applicable State Laws, the Administrator is authorized to:

1. Cause cessation of said activity or use of the Regulated Substance;
2. Require the provision of administrative controls and/or facilities sufficient to mitigate said danger; and/or
3. Cause the provision of pollution control and/or abatement activities

B. Considerations: When considering the exercise of any of the above authorities or actions, the Administrator shall notify and consult with the Director or designated representative of the affected water supply to determine what measures need to be taken to ensure the public water supply is reasonably and adequately protected from contamination for the present and the future. The Administrator may take into consideration any evidence represented by the entity regarding cost effectiveness and the economic effectiveness and the economic impact imposed by the requirements or actions.

Section 2714

Hazard Potential Ranking System: In order to assess the risk for potential groundwater contamination, a hazard ranking has been developed for various activities categorized by their Standard Industrial Classification (SIC) code. This ranking is based on the kinds of materials commonly associated with each use looking only at the most critical hydrologic factor.

A. Table 1 - Hazard Potential by Land Use*: Table 1 lists the site hazard potential by land use activity on a scale of 1 - 9, with 1 being a low hazard and 9 a very high hazard. This rating is based on the intrinsic hazards posed by different land uses and is related to the materials commonly used or stored on the site or the types and amounts of wastes commonly discharged.

B. Table 2 - Hazard Potential by Material*: Table 2 lists the hazard potential determined on the basis of materials known to be used, stored, or disposed of at a specific site.

* If the two tables referenced above different site hazard potential rates the SIC-coded land use activity and materials found on-site, the higher score is the rating for the site.

indicate ratings for the

of the

Table 1
Contaminant Hazard Potential Ranking Classified by Source

SIC

No. Description of Waste Source Hazard potential initial ranking

01 Agricultural Production-Crops 1 - 2

02 Agricultural Production- Livestock

021 Livestock, except Dairy, Poultry 3; 5 for
and Animal Specialties Feedlots

024 Dairy Farms 4

025 Poultry and Eggs 4

027 Animal Specialties 2-4

029 General Farms, Primarily Livestock 2

Hazard Potential Initial Rating

10 Metal Mining

101. Iron Ores . . . 4

102. Copper Ores

103. Lead and Zinc Ores .5

104. Gold and Silver Ores

105. Bauxite and Other Aluminum Ores.... . . . 5

106. Ferroalloy Ores Except Vanadium....

108. Metal Mining Services . . . 4

1092 Mercury

1094 Uranium-Radium-Vanadium Ores

1099 Metal Ores Not Elsewhere Classified

- 11 Anthracite Mining 7
- 12 Bituminous Coal and Lignite Mining 7
- 13 Oil and Gas Extraction
 - 131 Crude Petroleum and Natural Gas 7
 - 132 Natural Gas Liquids 7
 - 1381 Drilling Oil and Gas Wells 6
 - 1382 Oil & Gas Field Exploration Services...1
 - 1389 Oil & Gas Field Services Not Variable,
Elsewhere Classified Depending on
Activity
- 14 Mining & Quarrying of Non-Metallic
Minerals, Except Fuels
 - 141 Dimension Stone 2
 - 142 Crushed & Broken Stone, Including 2
Rip-Rap
 - 144 Sand & Gravel 2
 - 145 Clay, Ceramic & Refractory Minerals....2 - 5
 - 147 Chemical & Fertilizer Mineral Mining .4 - 7
 - 148 Nonmetallic Minerals Services 1 - 7
 - .149 Miscellaneous Nonmetallic Minerals 2 - 5
Except Fuels
- 16 Construction Other than Building
Construction
 - 1629 Heavy~Construction, not Elsewhere 4
Classified (Dredging, Especially in
Salt Water)
- 20 Food and Kindred Products
 - 201 Meat Products 3
 - 202 Dairy Products 2
 - 203 Canned & Preserved Fruits & Vegetables.4
 - 204 Grain Mill Products 2
 - 205 BakeryProducts 2
 - 206 Sugar & Confectionery Products 2
 - 207 Fats & Oils 3
 - 208 Beverages 2 - 5
 - 209 Miscellaneous Food Preparation & 2
Kindred Products
- 22 Textile Mill Products, All Except
Listed Below
 - 223 Broad Woven Fabric
Mills.Wool 6
VI - 16
(including dying & finishing)
 - 226. Dying & Finishing Textiles, Except 6 Wool Fabrics & Knit Goods
 - 2295.... coated Fabrics not Rubberized 6

Lumber & Wood products Except Furniture
.Logging Camps & Logging Contractors....2
~5~wmills&planingMills 2,
Hardwood Veneer & plywood 4
.Softwood Veneer & plywood 4
.Structural Wood Members not Elsewhere..3
Classified (laminated wood-glue)
2491.. Wood preserving 5
2492.. ...particle Board 4 5
2499.. ...Wood Products, not Elsewhere 2 -
Classified

-9

-8

-9

-8

-8

-8

-8

-9

-8

-9

-6

-8

-8

-6

8

-8

24

- 26 Paper & Allied products
 - 261 Pulp Mills 6
 - 262 paper Mills Except Building Mills 6
 - 263 paperboard Mills 6
- 28 Chemicals & Allied products
 - 2812 Alkalies & Chlorine 7
 - 2813 Industrial Gases
 - 2816 inorganic Pigments 3
 - 2819 Industrial Inorganic Chemicals, not Elsewhere Classified ..3
 - 2821 plastic Materials, Synthetic Resins....6 & Nonvulcanizable Elastomers
 - 2822 Synthetic Rubber (Vulcanizable Elastomers) 6
 - 2823 Cellulose Man-Made Fibers .6
 - 2824 Synthetic Organic Fibers, Except Cellulosic 6
 - 2831 Biological products 6
 - 2833 Medicinal Chemicals & Botanical products 3
 - 2834 pharmaceutical preparations 6
 - 2841 Soap & Other Detergents, Except specialty Cleaners 4
 - 2842 specialty cleaning, polishing, & Sanitation preparation 3
 - 2843 Surface Active Agents, Finishing Agents, Sulfonated Oils & Assistants 6
 - 28A4 perfumes, Cosmetics & Other Toilet preparations 3
 - 2851 Paints, Varnisher, Lacquers, Enamels...5 - & Allied products
 - 2861 Gum & Wood Chemicals 5

241

242

2435....

2436....

2439....

Fabricated Metal Products, Except.... Machinery & Transportation Equipment
(Except as Noted Below)

347... ...Coating, Engraving & Allied Services.

3482.. ...Small Arms Ammunition

3483.. ...Ammunition, Except for Small Arms not Elsewhere Classified

..Ordnance and Accessories 7 not Elsewhere Classified
 ..Misc. Fabricated Metal Products
 34

3489...
 349....
 .8 7
 7

.3 - 6
 35 Machinery, Except Electrical 5 - 7
 36 Electrical & Electronic Machinery,
 Equipment & Supplies (Except as Noted
 Below)
 3391 Storage Batteries 8
 3692.....Primary Batteries, Dry & Wet 8
 37 Transportation Equipment 5 - 8
 38 Measuring, Analyzing, & Controlling....4 - 6
 Instruments; Photographic, Medical, &
 Optical Goods; Watches & Clocks
 (Except as Noted Below)
 386 Photographic Equipment & Supplies 7
 39 Misc. Manufacturing Industries 3 - 7
 49 Electric, Gas & Sanitary Services
 491..Electric Services 3 -5
 492..Gas Production & Distribution.... 3
 494.. Water Supply . 2
 4952.Sewage Systems 2 -5
 4953. .Refuse Systems (Landfills) 5 -9
 496.. Steam Supply 2 -4

Table 2
 Contaminant Hazard Potential Ranking Classified by Type
 Hazard Potential ID
 Description Initial Reading NO*

2865.... Cyclic (coal tar) Crudes, & Cyclic 6 -9 Intermediates, Dyes & Organic
Pigments (Lakes and Toners)

2869.... .Industrial Organic Chemicals not 3 -9 Elsewhere Listed

2873.Nitrogenous Fertilizers.. 7 -8

2874.Phosphatic Fertilizers... 7 -8

2875.Fertilizer Mixing Only... 5

2879.Pesticides & Agricultural Chemical -9
not Elsewhere Listed

2891.Adhesives & Sealants 5 - 8

2892. Explosives 6 - 9

2893.Printing Ink 2 - 5

2895.Carbon Black.. 1-3

2899.... .Chemicals & Chemical Preparations,. - 9
not Elsewhere Listed

29 Petroleum Refining & Related Industries

291 Petroleum Refining 8

295 Paving & Roofing Materials 7

299 Misc. Petroleum & Coal Products 7

30 Rubber & Miscellaneous Plastics Products

301 Tires & Inner Tubes 6

302 Rubber & Plastic Footwear 6

303 Reclaimed Rubber 6

304 Rubber & Plastic Hose & Belting 4

306 Fabricated Rubber Products, not 4
Elsewhere Classified

31 Leather & Leather Products

311 Leather Tanning & Finishing 8

Remaining Three-Digit Codes 1 - 3

32 Stone, Clay, Glass & Concrete Products

321 Flat Glass . .4

322 Glass & Glassware Pressed or Blown 4

324 Cement, Hydraulic. 3

3274 Lime 3

3291 Abrasive Products 3

3292 Asbestos 3

3293 Gaskets, Packing & Sealing Devices 3

33 Primary Metal Industries (Except as.
Noted Below)

3312 Blast Furnaces, Steel Works, and
Rolling & Finishing Mills

333 Primary Smelting & Refining of
Nonferrous Metals

.6

.7

Solids

Ferrous Metals

Non-Ferrous Metals

Resins, Plastics, and Rubber

Wood and Paper Materials (except as noted below)..

Bark
noted below)

Textiles and Related Fibers

Inert Materials (except as

Sulfide Mineral-Bearing Mine Tailings

Slag and other Combustion Residues

Rubble, Construction, and Demolition

Mixed Waste Animal Processing Wastes (except as noted below)..

Processing Skins, Hides, and Leathers

Dairy Wastes

Live Animal Wastes-Raw Manures (Feedlots).

Composts of Animal Waste

Dead Animals Edible Fruit

Liquids

1 -4 1100

1 -7 1200

2 1300

2 1400

4 1401

2 1500

2 1600

6 1601

5 1602

3 1603

2 - 4 1700

6 1701

4 1702

5 1703

2 - 4 1704

5 1705

and vegetables Remains-Putrescables .2 - 3... .1800

Organic Chemicals (must be chemically

Aliphatic (Fatty) Acids..

Aromatic (Benzene) Acids

Resin Acids

Alcohols

Aliphatic Hydrocarbons (petroleum derivatives)

Aromatic Hydrocarbons (benzene derivatives)

classified) 2000
 .3 - 5 2001
 7 - 8 2002
 2003
 - 5 - 7 2004 4 - 6 2005
 6 - 8. 2006
 Sulfonated Hydrocarbons.
 Halogenated Hydrocarbons
 Alkaloids
 Aliphatic Amines & Their
 Anilines
 Pyridines
 Phenols
 Aldehydes
 ~etones
 Organic Sulfur Compounds Mercaptans)
 Organometallic Compounds 7 - 9.
 Cyanides 7 - 9
 Thiocyanides 2 - 6.
 Sterols
 Sugars & Cellulose 1 - 4.
 Esters 6 - 8

Salts....

(Sulfides

7 - 8....
 7 - 9....
 7 - 9....
 ~1 - 4..
 6 - 8....
 2 - 6....
 7 - 9...
 6-8....
 6 - 8....
 7-9....
 ...2007
 .2008
 .2009
 D .2010

... 2011

... 2012

.2013

.2014

D .2015 ... 2016

2017

2018

2019

2020

2021

2022

Inorganic Chemicals (must be chemically classified) 2100

Mineral & Metal Acids 5 -8 2101

Mineral & Metal Bases.. 5-8 2102

Metal Salts, Including

Oxides

Sulfides

Carbon or Graphite....

Heavy Metals... .6 - 9 2 1 0 3

5 - 8 2104

5 - 8 2105

1 - 3 2106

Other Chemical Process Wastes Not Previously Listed (must be chemically classified)

Inks 2

Dyes 3

Paints 5

Adhesives .5

Pharmaceutical Wastes 6

petrochemical Wastes . . .7

Metal Treatment Wastes .7

Solvents . 6

Agricultural Chemicals (Pesticides, 7 Herbicides, Fungicides, etc.)

Waxes &Tars Fermentation

2200

-5 2201

-8 2202

-8 2203

-8 2204

-9 2205

-9 2206

-9 2207

-9 2208

-9 2209

4 - 7... & Culture Wastes 2 - 5...

etc...5 - 8...

4-6...

2 - 9

4 - 8.

4 - 8...

Oils, Including Gasoline, Fuel Oil, Soaps & Detergents
Chemicals

Other Organic or Inorganic

includes Radioactive Conventional Treatment Process

.... 2210

.... 2211

.... 2212

.2213

.... 2214

.2300

.2301

County/Municipal Sludges from Biological Sewage Treatment

From Water Treatment & Conditioning .2 - 5... .2302 Plants (must be chemically classified)

* ID Number is for identification of waste type~ in the Reporting Form.

1. Classification based on material in Environmental Protection Agency
Publication, 670-2-75-024, pp. 79-85, prepared by Arthur D. Little,
Inc., and published in 1975.

2. For individual material ranking, refer to solubility- toxicity tables
prepared by Versar, Inc., for the Environmental Protection Agency (source: MDNR, June 1980).

Source: WMSRDC. A Pollutant Nature Sampling Plan for Groundwater
Contamination in Region 14 (Muskegon, Michigan: West Michigan
Shoreline Development Commission, November, 1980).

21

R E S O L U T I O N N O. 86-1989

A RESOLUTION AUTHORIZING THE HARRISON TOWNSHIP
TO ENTER INTO AN AGREEMENT WITH THE MONTGOMERY
COMBINED HEALTH DISTRICT TO ADMINISTER ARTICLE 27 "WELL FIELD

PROTECTION OVERLAY DISTRICT" (WFP) OF THE HARRISON TOWNSHIP ZONING RESOLUTION .

WHEREAS, the Harrison Township Trustees may appoint such assistants as the Board deems necessary to enforce and administer provisions of the Harrison Township Zoning Resolution; and

WHEREAS, on December 18, 1989, the Board of Township Trustees amended the Township Zoning Resolution by adding Article 27, "Well Field Protection Overlay District" and Zoning Map to reflect the WFP District; and

WHEREAS, the Trustees recognize the need to have individuals with the requisite expertise administer Article 27.

NOW, THEREFORE, BE IT RESOLVED that the Township Administrator may enter into an agreement with the Montgomery County Combined Health District to provide for assistance in the enforcement and administration of Article Overlay District."

RESOLUTION NO 87-1989

RESOLUTION OUTLINING CERTAIN EXPECTATIONS AS A PART OF THE ADOPTION OF WELLFIELD PROTECTION REGULATIONS IN THE TOWNSHIP

WHEREAS, the Trustees on December 18, AMENDED THE Harrison Township Zoning Resolution to Well Field Protection Overlay District AND

WHEREAS, the effectiveness of this effort will hinge on the well field protection fund to remediate pollution, and fair and objective use of the facilities improvements and to remediate pollution, and

WHEREAS the Trustees believe that periodic review of the regulation is necessary to insure that the program is achieving its stated objectives of risk management without being unnecessarily burdensome on the businesses in the overlay district.

NOW, THEREFORE, BE IT RESOLVED by the Trustees of Harrison Township:

- 1) That the Trustees expect that Well Field Protection Fund Money will be administered on

a uniform basis throughout the six jurisdictions that comprise the capture area.

2) To direct township staff to seek assurances that any proposal to relocate a Harrison Township business using Well Field Protection fund money will be reviewed with township officials and a good effort made to find a suitable site within township.

3) That periodic review by the participating jurisdictions is necessary to insure effectiveness of the regulation to achieve its stated objective of risk management without being unnecessarily burdensome to affected businesses.

HARRISON TOWNSHIP BOARD OF TRUSTEES